

Green Bay Logging Limited

Environmental Assessment Registration Document Application to Increase Sawmill Production

Side Cut Road, Halls Bay

**Prepared by: Dennis Young
 Harvey Rice**

Date: February 21, 2022

Environmental Assessment Registration Document

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1.0 NAME OF UNDERTAKING:

Request for Increase in Mill Licence Production Limit

2.0 PROPONENT:

2.1 Name of Corporate Body:

Green Bay Logging Limited

2.2 Address:

P.O. Box 387
Springdale, NL
A0J 1T0

2.3 Chief Executive Officer:

Name: Dennis Young

Official Title: Owner/Operator

Address:

P.O. Box 387
Springdale, NL
A0J 1T0
Telephone No: 709-673-4695 (O)

2.4 Principal Contact Person for purposes of environmental assessment:

Name: Harvey Rice

Official Title: HSE Advisor

Address: P.O. Box 387
Springdale, NL
A0J 1T0

Telephone No: (709)-673-6793 (Harvey Rice)

Email: dennisyoung@springdaleforest.com
harveyrice@springdaleforest.com

3.0 THE UNDERTAKING:

3.1 Name of the Undertaking:

The proposed undertaking involves obtaining an increase in the production level for Green Bay Logging Limited's sawmill from 500,000 fbm to 3,000,000 fbm. (fbm refers to Foot, Board Measure or Board Foot)

3.2 Purpose/Rationale/Need of the Undertaking:

The Environment Assessment Regulations Section, 2003, under the Environmental Protection Act (O.C.2003-2200), Section 39 (1) states that an environmental assessment is required for "An undertaking that will be engaged in the manufacturing of products from wood including

(a) "Sawing logs into lumber and other products that will have more than a 1200 cubic metres annual production:"

(Note: 1200 cubic metres is equivalent to 508,531.2 fbm. Environmental Assessment Regulations specify cubic metres whereas the Mill Licence is issued in fbm)

This undertaking is submitted to enable the company to meet the demands of its customers, especially the mining and exploration industries. Sawmill production ceased early in 2021, with orders still unfilled, due to the limitation imposed by 500,000 fbm permit production level.

4.0 DESCRIPTION OF THE UNDERTAKING:

4.1 Geographic Location:

Green Bay Logging Limited's sawmill is approximately 200 meters off the TCH on an upgraded forest access road, known locally as Side Cut Road. The access road is located 7.1 kilometers south from the Springdale Junction and 5.6 kilometers north from the South Brook Junction (Route 380) with the TCH (**Lat.** 49^o 25' 46" N: **Long.** 56^o 09' 15" W).

Green Bay Logging Limited is located outside the planning boundaries of all local Municipal Planning Areas.

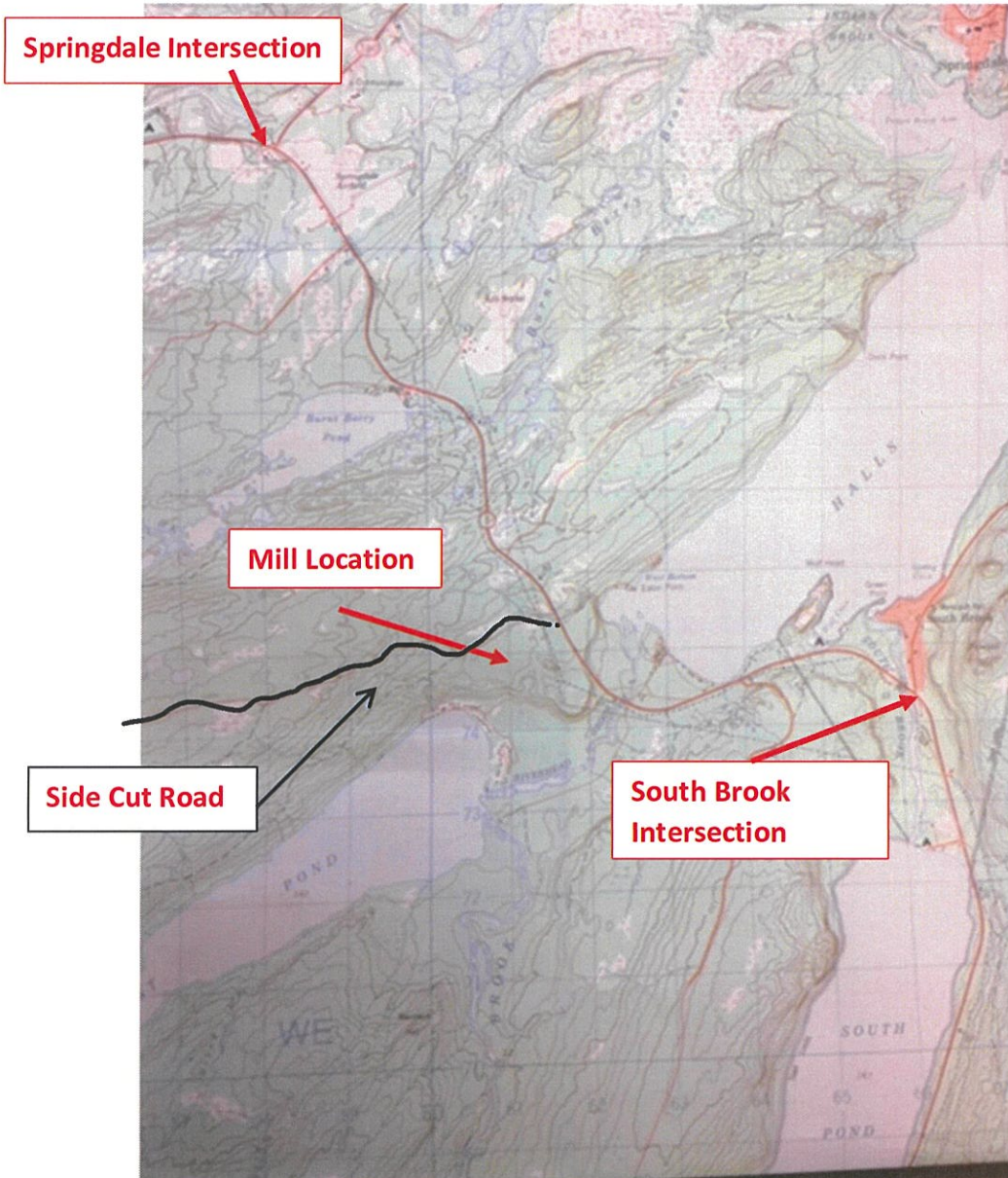
Note: See Google Images in Appendix A

4.2 Physical Features

4.2.1 Site Description of Land

As can be seen from the topographic map below, the sawmill is located on a flat section of land. The mill currently occupies a total footprint of some 11.02 hectares (27 acres) of cleared, granted land. (See the three survey grants in Appendix B)

Topographic Map 12H/8 (Springdale)



4.2.2 Physical Structures on site:

Green Bay Logging Limited has been in operation for over 50 years. The mill was originally a traditional carriage system that had limited production capacity. However,

the current owner was able to expand operations. In doing so, the footprint increase as did the products produced. (See surveys in Appendix B)

Currently, the gated property, with 24 hour video monitoring, has the following buildings:

- ✚ Office building, near the gate entrance
- ✚ A machine shop building attached to the original building
- ✚ A new CORE Box storage building, measuring 40 X 80 X14, constructed in 2018.
- ✚ As production changed to different products, the need for additional storage became apparent. To accommodate storage for custom sawn lumber, a new mill wing, measuring 40 X 160 X 15 was constructed. This building now houses the new mill machinery.
- ✚ The new machinery was purchased and installed during 2020-2021.
- ✚ A new Planer facility was erected during September 2021. This is a steel building measuring 40 ft. X 16 ft. X 70 ft.

In Appendix C, please see:

- *Green Bay Logging Sawmill Site Layout*
- *Green Bay Logging Sawmill Site Photos*

4.2.3 Physical and biological environment:

As indicated, the land is flat and cleared. The soil is very porous. The closest stream in the area is an unmaned brook located some 170 meters away. This stream is seperated from the mill footprint by a forest access road and forest vegetation. The stream flows to the east over 1300 additional meters before entering into West Bottom, Halls Bay. Since the total mill footprint is cleared of vegetation, wilddlife sightinings are limited. Our employees have been infomed that wildlife must always be given the right-of-way.

4.3 Construction

No new construction will be required for the current undertaking. The mill footprint remains the same. The undertaking simply involves a request to increase the production level identified on the 2021 Mill Licence.

4.4 Operations

4.4.1 Products:

Green Bay Logging Limited produces unique products that cannot be purchased anywhere else in central Newfoundland. The company does not compete with other sawmill operations in the province. In fact, Green Bay Logging Limited has exchange agreements with operating sawmills in the central area. In exchange for smaller logs and pulpwood, the sawmilling companies sent the larger logs to Green Bay Logging for

processing into Core Boxes (Wooden boxes divided into narrow parallel section to store mineral samples as they are extracted from the drilling operations. The boxes are used for transporting and protecting mineral samples).

This arrangement is unique. Sawmill operators working in a non-competitive environment to ensure the mutual advantage and sustainability of all.

Currently, Green Bay Logging Limited manufactures and supplies the following products:

1. Core Boxes (BQ, NQ, and HQ) for the seven mineral exploration companies in Newfoundland and Labrador as well as Nova Scotia.
2. Squares (4 x 4, 6 x 6)
Customers include locals and the companies referenced above.
3. Deck Planks (7-10)—full 2 inches thick
4. Custom sawn squares and planks for the two underground mining companies in central Newfoundland.
5. Firewood for local customers – Green Bay and White Bay areas.
6. Processed (sawn and split) firewood for local customers in the Green Bay and White Bay areas. (See photo of wood processor in Appendix C)

Without Green Bay Logging Limited's specialized products, current clients would be unable to secure a local supplier and in some cases. would have to bring in products from outside the province.

The goal of Green Bay Logging Limited is to be a year around operation rather than the current seasonal nature. To accomplish this goal and satisfy the market demand, especially of the mining industry, an increase in the production limits on the Sawmill Operating Permit is essential.

4.4.2 Potential Sources of Solid Waste materials/Pollutants

All materials delivered to the mill comes from sources that are harvested under the ISO 14001 Environmental Management System. All commercial harvesting operations in the province are monitored by the Department of Fisheries, Forestry and Agriculture. Inspections by the Department are also conducted at mill operations.

The full utilization of the resource is a priority, from the time it is harvested in the field until the by-products of production are utilized. In addition to the products listed earlier,

“slabs” or waste from the sawing process are sold as firewood. Spoilage from the manufacturing of core boxes is bundled and sold as “kindling” to local residents. The sawdust and chips are transported to Corner Brook Pulp and Paper for Hog fuel as well as to local farmers. **NOTHING goes to waste!** There is no large storage of chips and sawdust on site. On average, when the mill is operating, two chip trailers loads per week are sent to Corner Brook Pulp and Paper. Currently, there are no wood chips on site and between 1-2 trailer loads of sawdust. This is being used by farmers, such as the local beef cattle operation, throughout the winter.

Power to the mill is supplied by a new on-site CAT diesel generator, rated 545 KW Prime Power, 600 KW Standby at 600 volts (Three Phase Power). This generator was purchased in July, 2020.

At the sawmill, transportation trucks and yard equipment are supplied with fuel from a registered on-site Fuel Storage Tank (9, 097 liters). This is a double-walled registered tank. (Registration # 04-1200631, Serial # 357C).

The diesel generator is fuelled by Western Petroleum on a weekly basis. It consumes approximately 2000L per week. The burning of diesel fuel in the new, fuel-efficient generator is probably the only source of pollutants.

In addition, the following procedures are followed:

- ✓ Equipment maintenance and refuelling is conducted on level ground and NOT within a 150 metre radius of any stream or pond. Any waste oil and lubricating oil is retained in a tank or enclosed container. Waste material on site is transported 9 kilometers to the regional waste management facility near South Brook.
- ✓ Emergency response spill kits are on site and in each vehicle and piece of equipment.
- ✓ Employees are experienced operators who have had extensive experience in working under the environmental guidelines of the ISO 14001 Environmental Management System.
- ✓ All work is completed as per the regulatory requirements outlined in the Occupational Health ND Safety Act and Regulations, 2012. As well as the Environmental Protection Act.

4.4.3 Potential causes of resource conflict

There are no resource conflicts with regards to the mill operations. There are approximately 240 meters of Crown Land to the east, separating the mill property and

the road shoulder of the T.C.H. The land to the west has been cleared by Spring Meadow Farm for hay production (No animals). To the north, a forest access road separates the mill property from forested Crown lands. To the South, Green Bay Logging has established a four-hectare quarry site.

The nearest cabins are located:

- West---4.5 kms to Moose Pond
- East ----1.4 kms to West Bottom
- North---3.1 kms to Burnt Berry Pond
- South---1.2 kms to West Pond

4.4.4 Benefits of the Project:

Green Bay Logging Limited currently has 18 employees. This includes the mill operations, wood harvesting operators and truck drivers. Without an increase in the sawmill licence, these positions will continue to be seasonal rather than full time. The new mill has the capacity and the markets to work year around. In fact, it is projected that the workforce, both in the mill and harvesting, could increase to 30 employees.

With its current mill licence of 500,000 fbm, the new mill can only operate for about four months of the year. It is impossible to meet clients demands as well as maintain a well qualified workforce with such short seasonal employment.

4.5 Occupations

At the mill, the following positions are required:

- Sawyer
- Supervisor,
- Edger operator,
- Trim operator
- Green Chain Operator
- Full-time electrician (Red Seal certified) and maintenance person
- Gate Attendant /Administrative Assistant/Scaler

Green Bay Logging Limited is an equal opportunity employer.

4.6 Project Related Documents

There are no project related documents associated with this submission

5.0 APPROVAL OF THE UNDERTAKING:

In order for project to proceed, the following permits and departmental approvals are required:

- ✚ Environmental Protection Act – Assessment Regulations: Release Letter from the Minister of Fisheries, Forestry and Agriculture.
- ✚ Mill Licence for 2022 with a production level of 3,000,000 fbm (7200 cubic metres).

6.0 SCHEDULE:

The goal is to have the increase in the production level in place by April 2022. This will enable the company to meet the demands of its customers. It will also provide our employees increased job security.

7.0 FUNDING

The project is not funding dependent. Apart of document preparation, the only cost associated with this undertaking is the Environmental Registration fee.

8.0 SUBMISSION

Submitted by:

Date: February 21, 2022



Mr. Dennis Young
Owner
Green Bay Logging Limited

APPENDIX A

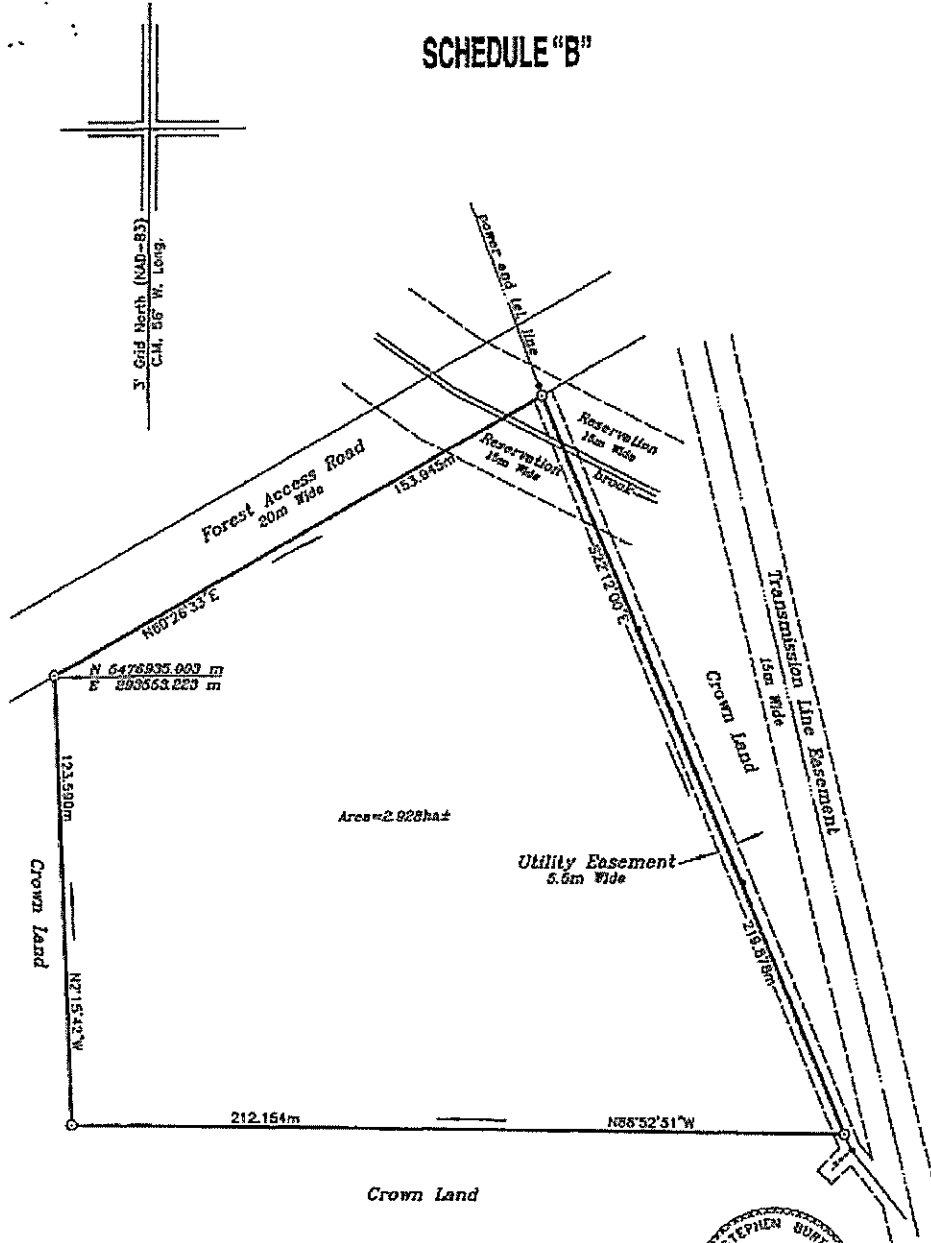


Scale Google Image showing Mill location



APPENDIX B

SCHEDULE "B"



Reference Monument:

Mon. No. 76C2278
 N 5476321.563 m
 E 298481.484 m
 SF=0.999898

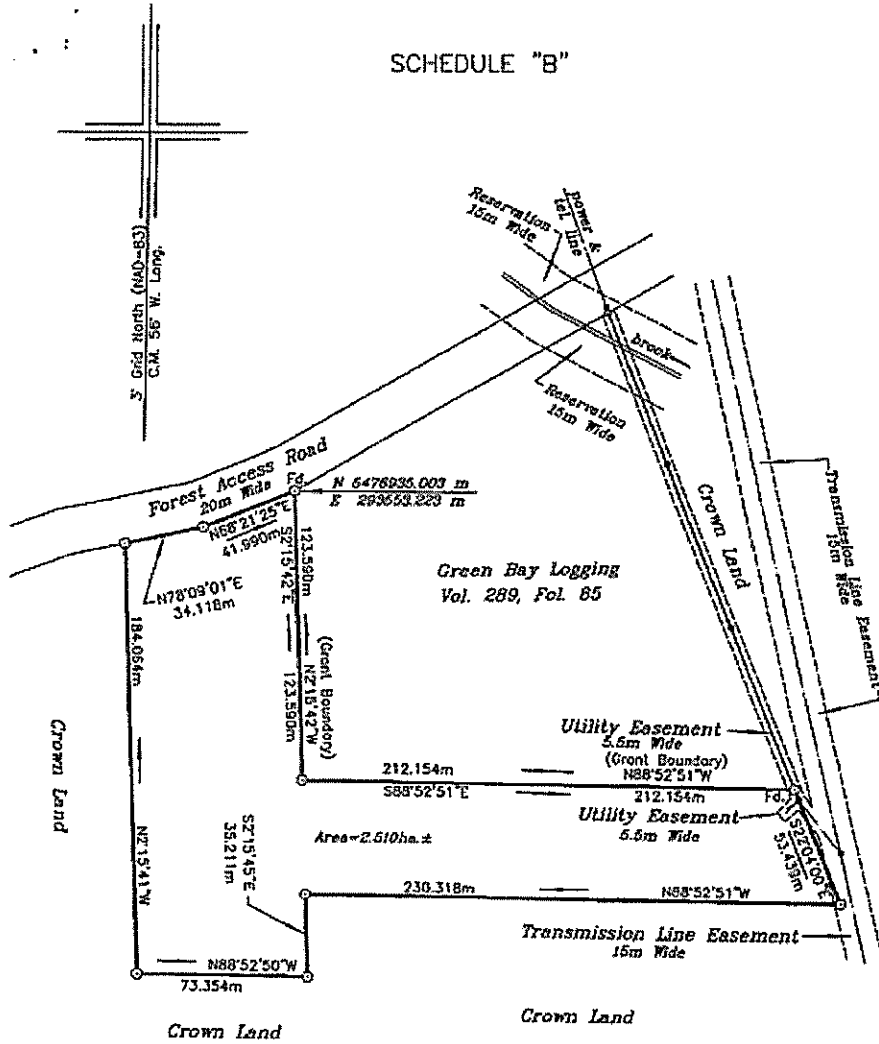
• - pole
 ○ - Iron Bar
 ⊙ - Capped Iron Bar
 Linear Measurement - Grid Distances
 App. No. 131319



STEPHEN BURT SURVEYS LTD.
 April 14, 2005

Scale : 1: 1250

SCHEDULE "B"



REFERENCE MONUMENTS:

Mon. No. 7662278	Mon. No. 7662228
N 5476321.563 m	N 5484648.264 m
E 298481.484 m	E 299872.701 m
SF=0.998898	SF=0.998897

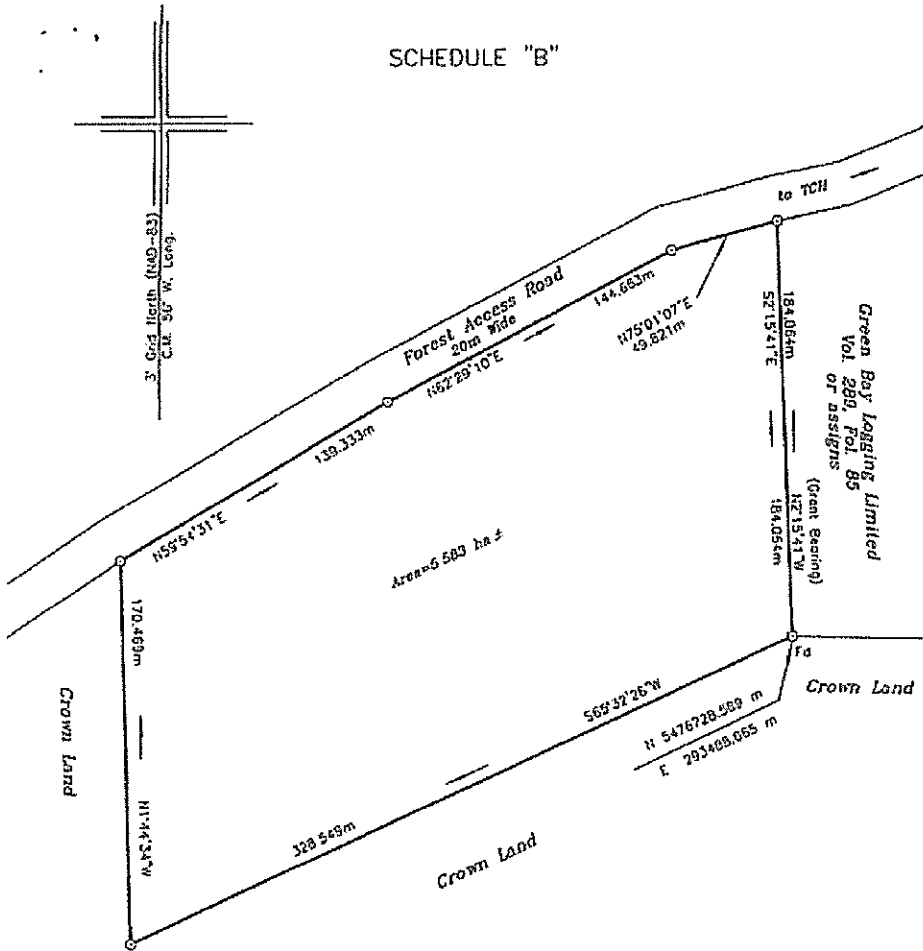
LEGEND:

- - Iron Bar
- ⊙ - Capped Iron Bar
- Fd. - Found
- - Pole

NOTE: ALL DISTANCES ARE GRID DISTANCES.



SCHEDULE "B"



REFERENCE MONUMENTS:

Mon No 766227B Mon No. 766222B
 N 5476321.563 m N 5484648.264 m
 E 298481.484 m E 299872.701 m
 SF=0.998898 SF=0.998897

LEGEND:

- - Iron Bar
- ⊙ - Capped Iron Bar
- Fd - Found
- * - Pole

NOTE: ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES.

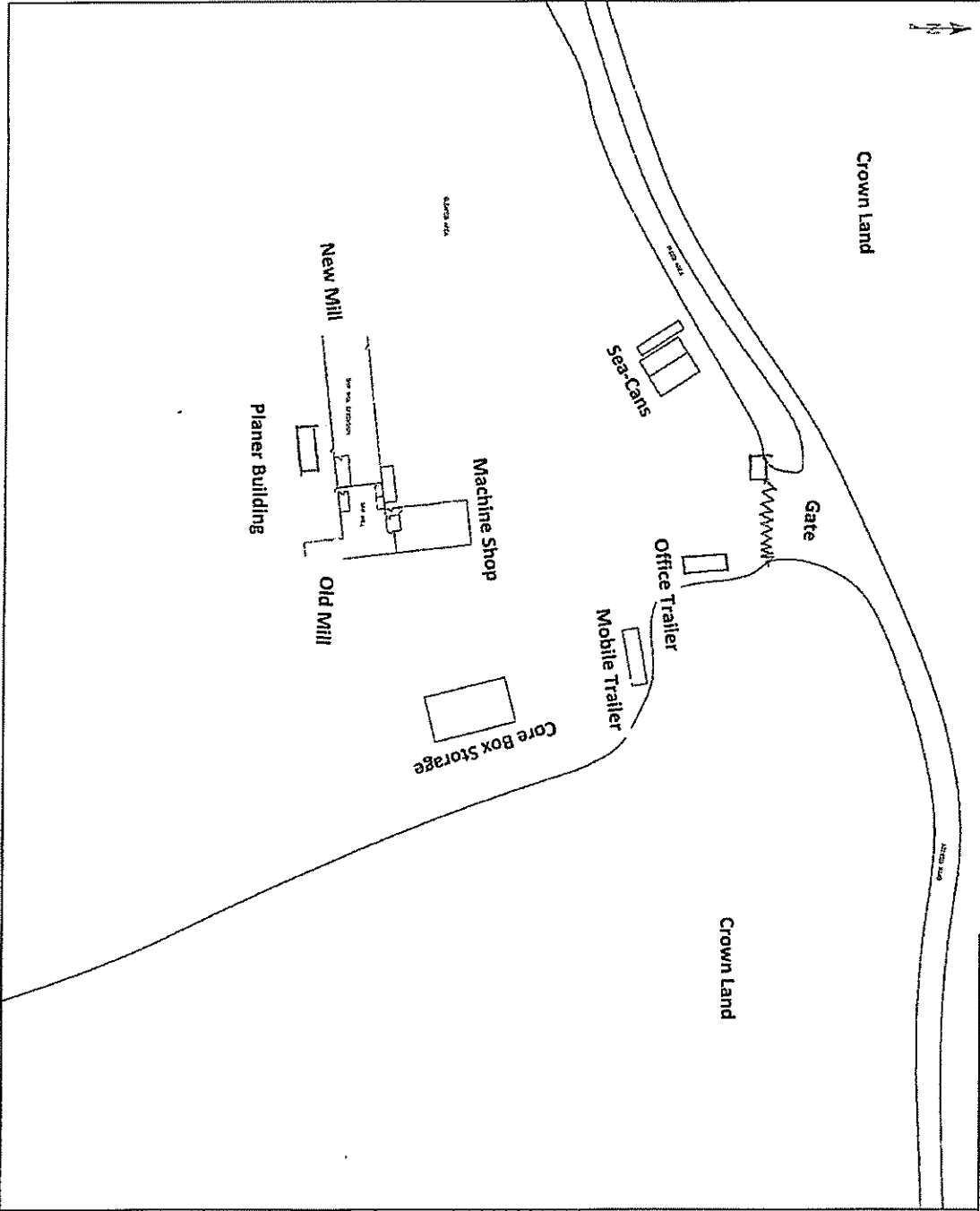
DATE, NOVEMBER 14, 2017
 APP. NO. 131319



SCALE 1 : 2000

APPENDIX C

Green Bay Logging Limited Mill Site Layout



ELECTRICAL GREEN BAY SAW MILL EXTENSION	
PROJECT GREEN BAY SAW MILL	
DATE 	
SCALE 	
PROJECT NO. 20502	
DATE 	
SCALE 	
PROJECT NO. SP-1	
DATE 	
SCALE 	



Machine Shop



Sawmill Building



Core Box Storage Building



Planer Building



Mill Interior



Mill Interior



Firewood Processor